

KENWOOD

KT7007

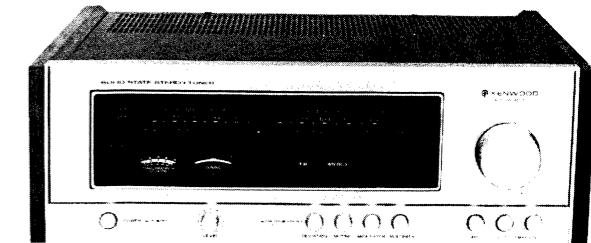
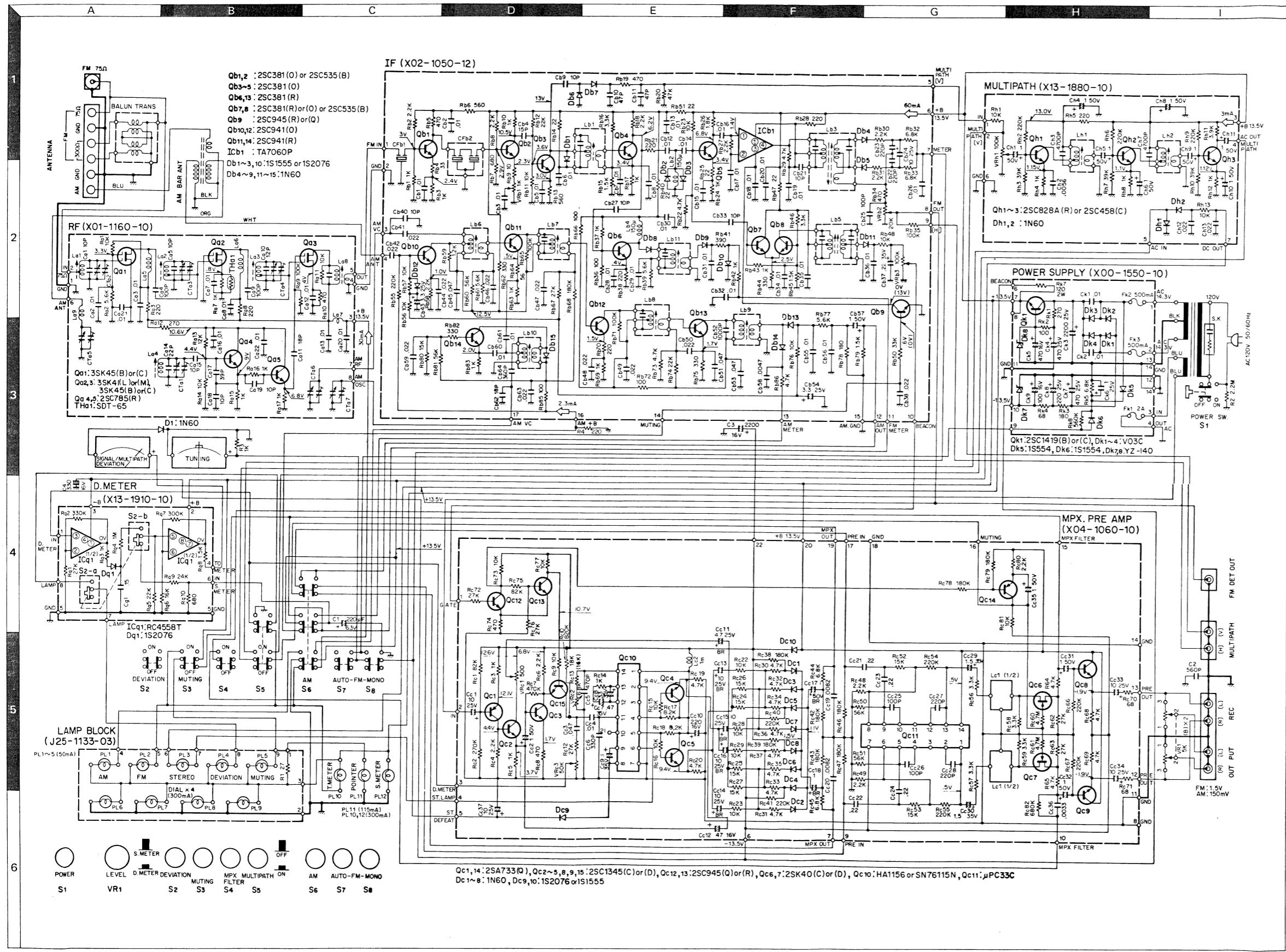
MODEL

CIRCUIT DIAGRAM



SOLID STATE STEREO TUNER

KT-6007



SPECIFICATIONS

FM TUNER SECTION

Usable Sensitivity (IHF)	: $1.7 \mu\text{V}$.
Quieting Slope	: $3 \mu\text{V}$ 55 dB, $10 \mu\text{V}$ 65 dB, $50 \mu\text{V}$ 70 dB.
Frequency Response	: 50 Hz \sim 15 kHz $-0 \text{ dB} \sim -1.5 \text{ dB}$.
Harmonic Distortion	: 0.15% Mono (at 400 Hz 100% modulation). 0.2% Stereo (at 400 Hz 100% modulation).
Signal to Noise Ratio	: 70 dB at 1 mV input.
Image Rejection	: 85 dB.
Selectivity (IHF ALT channel)	: 70 dB.
I/F Rejection	: 100 dB.
Spurious Signal Rejection	: 90 dB.
A/M Suppression	: 58 dB.
Capture Ratio	: 1.3 dB.
Stereo Separation	: 45 dB at 1,000 Hz. 38 dB at 10,000 Hz.
Sub Carrier Suppression	: 65 dB.
Antenna Impedance	: 300 ohms Balanced & 75 ohms unbalanced.

AM TUNER SECTION

Usable Sensitivity (IHF)	: 13 μ V.
Signal To Noise Ratio	: 50 dB at 1 mV input.
Image Rejection	: 70 dB.
Selectivity (IHF)	: 30 dB.
I F Rejection	: 65 dB.
Antenna	: Built-in ferrite bar antenna, External antenna terminals.

OUTPUT VOLTAGE

F M (at 400 Hz 100% modulation) : 1.5 V.
 A M (at 400 Hz 30% modulation) : 0.15 V.
 Multipath Output V & H : 0.13 V V - 30 K ohms H - 130 K ohms

GENERAL

Switches	:	SELECTOR, AM, FM AUTO, FM MONO.
Others	:	Muting, Deviation, Multipath, MPX Filter, Output Level.
Power Consumption	:	24 watts.
Dimensions	:	W 17-1/8" (435 mm), H 6 3/16" (157 mm), D 11-13/16" (300 mm).
Weight	:	19.1 lbs (8.7 kg)